

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S6	6	multiple near2 mode and spatial near2 division and input near2 mode and output	US-PGPUB; USPAT	OR	ON	2007/02/02 17:43
S14	8	mimo and sdma and spatial and multiple near2 mode and latency and higher and matrix and channel	US-PGPUB; USPAT	OR	ON	2007/12/08 20:27
S18	6	mimo and sdma and spatial and multiple near2 mode and latency and higher and matrix and channel and poor\$5 and baseband and lower and noise and error	US-PGPUB; USPAT	OR	ON	2007/02/02 17:55
S25	47	((multiple near antenna) or multiantenna) and mimo and sdma and switch\$5	US-PGPUB; USPAT	OR	ON	2007/02/03 14:56
S26	14	((multiple near antenna) or multiantenna) and mimo and sdma and switch\$5 and baseband	US-PGPUB; USPAT	OR	ON	2007/02/03 14:57
S30	6	((multiple near antenna) or multiantenna) and mimo and sdma and switch\$5 and transceiver and poor and error	US-PGPUB; USPAT	OR	ON	2007/02/02 18:09
S34	5	((multiple near antenna) or multiantenna) and mimo and sdma and switch\$5 and transceiver and poor and error and processor	US-PGPUB; USPAT	OR	ON	2007/02/03 12:00
S35	5	((multiple near antenna) or multiantenna) and mimo and sdma and switch\$5 and transceiver and poor and error and processor and noise	US-PGPUB; USPAT	OR	ON	2007/02/03 14:55
S43	3	((multiple near antenna) or multiantenna) and mimo and sdma and switch\$5 and transceiver and poor and error and processor and noise and between and value and higher	US-PGPUB; USPAT	OR	ON	2007/02/03 12:25
S45	25	((multiple near antenna) or multiantenna) and mimo and sdma and switch\$5 and transceiver	US-PGPUB; USPAT	OR	ON	2007/02/03 12:30
S46	11	mimo and sdma and between and spatial and baseband and processor and value and latency and noise and high\$5 and low\$5 and transmi\$7 and receiv\$7 and data and rate and poor and spatial and mode and channel and matrix	US-PGPUB; USPAT	OR	ON	2007/02/03 14:55

## EAST Search History

S47	0	370/264 and mimo and sdma and between and spatial and baseband and processor and value and latency and noise and high\$5 and low\$5 and transmi\$7 and receiv\$7 and data and rate and poor and spatial and mode and channel and matrix.clm.	US-PGPUB; USPAT	OR	ON	2007/02/03 14:55
S48	0	370/264 and ((multiple near antenna) or multiantenna) and mimo and sdma and switch\$5 and transceiver and poor and error and processor and noise. clm.	US-PGPUB; USPAT	OR	ON	2007/02/03 14:56
S49	0	370/264 and ((multiple near antenna) or multiantenna) and mimo and sdma and switch\$5.clm.	US-PGPUB; USPAT	OR	ON	2007/02/03 14:56
S50	0	370/264 and ((multiple near antenna) or multiantenna) and mimo and sdma and switch\$5 and baseband.clm.	US-PGPUB; USPAT	OR	ON	2007/02/03 14:57
S54	17	(multiple or plural or plurality) near2 antenna and ((multiple-input near multiple-output) or (multiple near input near multiple near output) or MIMO) and ((spatial near division near multiple near access) or SDMA) and (terminal or device or cellular or mobile or portable or wireless) near3 switch\$5	US-PGPUB; USPAT	OR	ON	2007/05/11 17:51
S55	17	(multiple or plural or plurality) near2 antenna and ((multiple-input near multiple-output) or (multiple near input near multiple near output) or MIMO or non-spatial) with ((spatial near division near multiple near access) or SDMA or spatial) with switch\$5	US-PGPUB; USPAT	OR	ON	2007/05/11 10:53
S56	5	(multiple or plural or plurality) near2 antenna and ((multiple-input near multiple-output) or (multiple near input near multiple near output) or MIMO or non-spatial) with ((spatial near division near multiple near access) or SDMA or spatial) with switch\$5 and traffic	US-PGPUB; USPAT	OR	ON	2007/05/11 10:55
S57	19	(multiple or plural or plurality) near2 antenna and ((multiple-input near multiple-output) or (multiple near input near multiple near output) or MIMO or non-spatial) and ((spatial near division near multiple near access) or SDMA or spatial) and switch\$5 with traffic	US-PGPUB; USPAT	OR	ON	2007/05/11 10:56

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S58	35	((multiple-input near multiple-output) or (multiple near input near multiple near output) or MIMO or non-spatial) and ((spatial near division near multiple near access) or SDMA or spatial) and switch\$5 with traffic	US-PGPUB; USPAT	OR	ON	2007/05/11 11:44
S62	42	(terminal or device or mobile or cellular or wireless or portable) near3 mode and mimo and sdma	US-PGPUB; USPAT	OR	ON	2007/05/11 17:50
S95	15	(switch\$5 or chang\$5) near3 point-to-point near3 point-to-multipoint and (mobile or wireless or wire-less or portable or cellular) and point-to-point and point-to-multipoint	US-PGPUB; USPAT	OR	ON	2007/05/11 17:51
S96	1	370/264 and (terminal or device or mobile or cellular or wireless or portable) near3 mode and mimo and sdma	US-PGPUB; USPAT	OR	ON	2007/05/11 17:52
S98	0	370/264 and (multiple or plural or plurality) near2 antenna and ((multiple-input near multiple-output) or (multiple near input near multiple near output) or MIMO) and ((spatial near division near multiple near access) or SDMA) and (terminal or device or cellular or mobile or portable or wireless) near3 switch\$5	US-PGPUB; USPAT	OR	ON	2007/05/11 17:51
S99	0	370/264 and (switch\$5 or chang\$5) near3 point-to-point near3 point-to-multipoint and (mobile or wireless or wire-less or portable or cellular) and point-to-point and point-to-multipoint	US-PGPUB; USPAT	OR	ON	2007/05/11 17:52
S10 0	3	455/562 and (terminal or device or mobile or cellular or wireless or portable) near3 mode and mimo and sdma	US-PGPUB; USPAT	OR	ON	2007/05/11 17:52
S10 1	0	455/562 and (switch\$5 or chang\$5) near3 point-to-point near3 point-to-multipoint and (mobile or wireless or wire-less or portable or cellular) and point-to-point and point-to-multipoint	US-PGPUB; USPAT	OR	ON	2007/05/11 17:52
S10 3	28	mac near layer and physical near layer and mimo and sdma	US-PGPUB; USPAT	OR	ON	2007/12/08 20:29
S10 4	7	mac near layer and physical near layer and mimo and sdma and threshold	US-PGPUB; USPAT	OR	ON	2007/12/08 20:29
S10 5	4	mac near layer and physical near layer and mimo and sdma and observ\$5	US-PGPUB; USPAT	OR	ON	2007/12/08 20:32

## EAST Search History

S10 6	39	((media near access near control) or mac) near layer and (phy or physical) near layer and mimo and sdma	US-PGPUB; USPAT	OR	ON	2007/12/08 20:33
S10 7	11	((media near access near control) or mac) near layer and (phy or physical) near layer and mimo and sdma and threshold	US-PGPUB; USPAT	OR	ON	2007/12/09 11:21
S11 4	36	(observ\$7 or performance) same ((media near access near control) or mac) near layer same (phy or physical) near layer and mimo	US-PGPUB; USPAT	OR	ON	2007/12/09 11:35
S11 5	2	(observ\$7 or performance or good) same ((media near access near control) or mac) near layer same (phy or physical) near layer and mimo and sdma	US-PGPUB; USPAT	OR	ON	2007/12/09 11:36
S12 4	23	(phy or physical) near2 layer near2 perform\$7 and ((media near access near control) or mac) near2 layer near2 perform\$7 and mimo	US-PGPUB; USPAT	OR	ON	2007/12/09 11:53
S12 5	13	(switch\$7 or chang\$5) near4 (point-to-point or MIMO) near4 (point-to-multipoint or SDMA) and (phy or physical) near layer and ((media near access near control) or mac) near layer	US-PGPUB; USPAT	OR	ON	2007/12/09 11:52
S12 6	15	(switch\$7 or chang\$5) near4 mode near5 (phy or physical) near2 layer and ((media near access near control) or mac) near2 layer	US-PGPUB; USPAT	OR	ON	2007/12/09 11:55
S12 7	13	(switch\$7 or chang\$5) near4 (point-to-point or MIMO) near4 (point-to-multipoint or SDMA) and (phy or physical) near layer and ((media near access near control) or mac) near layer	US-PGPUB; USPAT	OR	ON	2007/12/09 12:08
S13 1	19	perform\$7 near3 (phy or physical) near layer and perform\$7 near3 ((media near access near control) or mac) near layer and mimo	US-PGPUB; USPAT	OR	ON	2007/12/09 12:01
S13 2	70	perform\$7 near3 (phy or physical) near layer and ((media near access near control) or mac) near layer and mimo	US-PGPUB; USPAT	OR	ON	2007/12/09 12:17
S13 3	12	observ\$8 near3 (phy or physical) near layer and ((media near access near control) or mac) near layer	US-PGPUB; USPAT	OR	ON	2007/12/09 12:04

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S13 4	23	(switch\$7 or chang\$5) near4 (point-to-point or MIMO) near4 (point-to-multipoint or SDMA) and (phy or physical) and ((media near access near control) or mac)	US-PGPUB; USPAT	OR	ON	2007/12/09 12:10
S13 5	35	sumeet near sandhu.in.	US-PGPUB; USPAT	OR	ON	2007/12/09 15:55